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PATENT
ATTORNEY DOCKET NO.:MAT-0004

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BETH JOHNSON Beth J.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Uwe B. Sleytr et al.	:
Serial No.: 10/722,962	: Group Art Unit: Not yet assigned
Filed: November 26, 2003	: Examiner: Not yet assigned
For: **Method for Producing a Layer of Functional Molecules**	:

Commissioner of Patents and Trademarks

Sir:

INFORMATION DISCLOSURE STATEMENT

It is requested that the reference(s) listed on the attached Information Disclosure Citation Form PTO-1449 be considered by the Patent Examiner in connection with the above-identified application and be made of record therein.

Independent consideration and acknowledgment of the listed reference(s) are respectfully requested.

Respectfully Submitted,

Uwe B. Sleytr et al.

19 Feb 2004
Date

By: Joseph E. Maenner
Reg. No. 41,964
Monte & McGraw, P.C.
P.O. Box 650
4092 Skippack Pike
Skippack, PA 19474
Tel: (610) 584-9400
Fax: (610) 584-9783
E-mail: jmaenner@montemcgraw.com
Customer Number 33941

Form PTO-1449A

ATTORNEY DOCKET NO.: MAT-0004	APPLICATION NO.: 10/722,962
APPLICANT: Uwe B. Sleytr et al.	
FILING DATE: November 26, 2003	GROUP ART UNIT:

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 1
(Use several sheets if necessary)

USPTO PATENT & TRADEMARK OFFICE FEB 26 2004

U.S. PATENT DOCUMENTS

EX. INIT*	Cite No.[1]	U.S. Patent Document Number	Kind Code[2]	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	4,752,395		Sleytr, et al.	06/21/1988	
	2.	4,886,604		Margit, et al.	12/12/1989	

FOREIGN PATENT DOCUMENTS

EX. INIT*	Cite No.[1]	Foreign Patent Document Office[3]	Number[4]	Kind Code[5]	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
	3.	EP	189,019	A	Margit, et al.	07/30/1986		
	4.	EP	463,859	A2	Johnson	01/02/1992		
	5.	WO	01/81425	A1	Mader, et al.	11/01/2001		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

EX. INIT*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	T 6
	6.	International Search Report mailed 23 September 2002	
	7.	SLEYTR, E. B. et al., "Crystalline Bacterial Cell Surface Layers (S-Layers): A Versatile Self-Assembly System"	
		Chapter 5 from "Supramolecular Polymers", ed. A Ciferri, Marcel Dekker Inc., New York 2000 (ISBN 0-8247-0252-2)	
	8.	NEUBAUER, A. ET AL., "Pulsed-Laser Metal Contacting of Biosensors on the Basis of Crystalline Enzyme-Protein Layer Composites", Sensors and Actuators B40, 1997, pp 231-236	
	9.	PUM, D. ET AL., "Physico-Chemical Properties of Crystalline Nanoscale Enzyme-Protein-Metal Layer Composites in Biosensors", Ber. Bunsenges. Phys. Chem. 101, 1997, pp 1686-1689	
	10.	NEUBAUER, A. ET AL., Electrochemical Deposition Through and Electron Beam Deposition on S-Layer Templates: a Step Towards Calibration Standards in the 10-nm Range" PTB Reports P-34, 1998, pp 75-81	
	11.	SLEYTR, E. B. et al., "Two-Dimensional Protein Crystals (S-Layers): Fundamentals and Applications", Journal of Cellular Biochemistry, Bd. 561 Nr. 2, 1994, pp 171-176	
	12.	D. PUM et al, "The Application of Bacterial S-Layers in Molecular Nanotechnology", Trends in Biotechnology, Elsevier, Amsterdam, NL, Bd. 17, Nr. 1 January 1999 (1999-01), pp 8-12	
	13.	JAP, BK et al., "2D Crystallization: From Art to Science", Ultramicroscopy, Amsterdam, NL, Bd. 46, 1992, pp 45-84	
	14.	KUEPCUE, S. et al., "The Crystalline Cell Surface Layer From Thermoanaerobacter Thermohydrosulfuricus L111-69 As An Immobilization Matrix: Influence of the Morphological Properties and the Pore Size of the Matrix on the Loss of Activity of Covalently Bound Enzymes", Biotechnology and Applied Biochemistry, Academic Press, U>, Bd. 21, Nr. Part 3, June 1, 1995, pp 275-286	
	15.	SLEYTR, U. B. et al., "Application Potential of 2D Protein Crystals (S-Layers)", Annals of the New York Academy of Sciences, US, November 30, 1994, Bd. 745, pp 261-269	

Examiner Signature		Date Considered	

***EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**

[1] Unique citation designation number. [2] See attached Kinds of U.S. Patent Documents. [3] Enter Office that issued document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard S.16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.